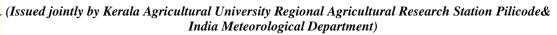


Agromet Advisory Bulletin for the District, Kasaragod

(Valid from 26.02.2025 to 02.03.2025)





Bulletin Number:Pilicode/Mpm-16/2025 Date: 25/02/2025

A. Weather Summary of preceding five days

Rainfall, mm	Max. temp., °C	Min. temp., °C	R. H., %	Wind speed, Km/h
0.0	33.0 – 34.9	22.0 – 25.3	53 - 96	02 - 02

B. Weather forecast for next five days

Parameters	26-02-2025	27-02-2025	28-02-2025	01-03-2025	02-03-2025
Average Rainfall, mm	0	0	0	0	0.1
Max. Temp, °C	39	39	39	39	39
Min. Temp,°C	23	23	23	23	23
Max. Relative Humidity, %	50	50	50	50	85
Min. Relative Humidity, %	22	22	22	22	58
Wind speed,km/h	3	3	3	3	3
Wind direction, degrees	230	250	250	250	200
Total cloud cover, octa	3	3	2	4	6

C. Agrometeorological Advisories

Crop	Stages	Problems	Agro-meteorological advisories	
	Temperatures will be higher during the day. Atmospheric humidity will be normal.			
General	No rainfall from February 25 to 28.			
conditions	There will be light rainfalls (From 2.5 mm to 15.5 mm within a time span of 24 hours) on March			
	01.			
Weather warnings	Heat Wave conditions likely to prevail at one or two places in Kasaragod district during 25 th & 26 th February 2025.			
Impacts	High rate of evaporation may occur from soil.			
	Chances for attack of sucking pests.			
	Direct exposure to sunlight may cause sunburn and injuries to human and animals.			
	Provide shade net for vegetable crops and ensure irrigation.			
General	Mulch the crop basins.			
Recommendat				
ions	method for maximum water use efficiency. 1. Arrange for irrigation facilities from available water resources.			
	2. Remove weeds from the soil to reduce transpiration losses. Powder the soil to dust by			
	breaking the clods.	This will act as good soil mu	alch to prevent evaporation loss of	
	water.			

	 Well drained areas where lifesaving irrigation possible ragi and millets cause cultivated. Take care of controlling of sucking pests; control/minimize the insect and pest incidence with IPM. Repair and rejuvenate local water bodies before the rainy season. 			
Coconut	All stages	Drought Management	1) Cut two green leaves from the bottom layer, to reduce the water loss from the tree. 2) Apply compost/dried leaves in the basins to increase water holding capacity. 3) Adopt drip irrigation. This will minimize the irrigation water loss. Protect the newly planted young seedlings from direct sunlight falling on it by providing good shades.	
Coconut	Various stages	Leaf eating caterpillar	The season is congenial for the spread of leaf eating caterpillars in coastal areas. Cut and burn the affected leaves. Release larval parasitoids, <i>Goniozus nephantidis</i> , @10 nos/palm (4-6 release) on the trunk	
Mango	Fruit maturing stage	Mango fruit flies	Collect and destroy the fallen fruits by taking deep pits atleast 60 cm depth. Set up pheromone trap (methyl eugenol trap) @ 1 trap/15 cents.	
Arecanut	Seedlings (3-4 years)	Leaf blight ,Bud rot	Leaf blight :Apply 1% Bordeaux mixture	
Okra	All stages	Shoot and Fruit borer	Spray neem oil emulsion @ 5 %, at intervals of 15 to 20 days. Or Spraying with quinalphos 25 EC (2 ml per litre of water).	

Cowpea	All stages	Aphid	Spay 3% Neemoil garlic emulsion or Dimethoate @ 2 ml/L
Poultry and pet birds	Different stages	Summer stress	To combat heat stress, the poultry sheds should be protected from direct sunlight, roofing can be painted white to reflect heat, fans can be fitted, cool water can be sprayed, plenty of clean water can be provided with ice, glucose and 0.1 % sodium bicarbonate, feed offered during the cooler parts of the day can be supplemented with 20% extra vitamins, phosphorous and vitamin C.
Animal Husbandry	All stages	Summer Stress	The rise in temperature will affect the thermoregulatory mechanism of dairy cattle. This will cause increase in body temperature, rapid shallow breathing, increased heart rate, profuse salivation, and reduced feed intake. This in turn results in severe production loss and reduced breeding efficiency in dairy cattle.
			Provide pure drinking water to the dairy cattle (45 to 60 litres of water), Allow grazing only during the cooler parts of the day. Provide shading. Shelter them in thatched roofings of minimum 9 ft. height with ample ventilation. Providing fans, misting and fogging assembly in cattle sheds will help them to regulate body temperature. Also ensure minerals fortified feeds.

** Warning colour codes of rainfall (for disaster management)

Warning (Take actions)	Alert (Be prepared)	Watch (Be updated)	No warning (No actions)

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